

UTILITY PATENT APPLICATION TRANSMITTAL

(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
(Z)98003 PUS2

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

Optical Arrangement and Projection Exposure System for Microlithography with Passive Thermal Compensation

and invented by:

Wagner, et al.

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/934,817

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 24 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (if applicable)
 - c. ☒ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 5
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☐ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☐ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☒ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* ER 744773303 US

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Accompanying Application Parts (Continued)

17. ☒ Additional Enclosures *(please identify below)*:

General Authorization to Charge Fees

PTO 2038 authorizing charging a credit card for the filing fee and additional claims fee

Request for two month extension of time to file continuation application

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	90	- 20 =	70	x \$18.00	\$1,260.00
Indep. Claims	16	- 3 =	13	x \$86.00	\$1,118.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$770.00
OTHER FEE (specify purpose) two month extension fee					\$420.00
TOTAL FILING FEE					\$3,568.00

☒ A ^{PTO} 2038 in the amount of \$3,568.00 to cover the filing fee is enclosed.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 11-0665 as described below.

- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

M. Robert Kestenbaum

Signature

M. Robert Kestenbaum
Reg. No. 20,430
11011 Bermuda Dunes NE
Albuquerque, NM USA 87111
Phone (505) 323-0771
Fax (505) 323-0865

Dated: April 15, 2004

cc:

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)
(Large Entity)

Docket No.
(Z)98003 PUS2

In Re Application Of: **Wagner et. al.**

Serial No.
NEW

Filing Date
April 15, 2004

Examiner
NEW

Group Art Unit
NEW

Invention: **Optical Arrangement and Projection Exposure System for Microlithography with Passive Thermal Compensation**

TO THE COMMISSIONER FOR PATENTS:

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of **July 14, 2003** above-identified application.
Date

The requested extension is as follows (check time period desired):

☐ One month ☒ Two months ☐ Three months ☐ Four months ☐ Five months

from: **02/15/2004** until: **04/15/2004**
Date *Date*

The fee for the extension of time is **\$420** and is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
☐ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No.
☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.

M. Robert Kestenbaum

Signature

Dated: **April 15, 2004**

M. Robert Kestenbaum, Reg. No. 20,430
11011 Bermuda Dunes NE, Albuquerque, NM 87111
(505) 323-0771 Fax: (505) 323-0865

04/21/2004 MBELETE1 00000061 10826823

04 FC:1252

420.00 OP

Express

I certify that this document and fee is being deposited on **April 16, 2004** with the U.S. Postal Service as ~~first class~~ **first class** mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

M. Robert Kestenbaum

Signature of Person Mailing Correspondence

M. Robert Kestenbaum

Typed or Printed Name of Person Mailing Correspondence

cc: **By Express Mail-PTO Form 2038 includes payment of filing, extension & add'l claims fees**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Continuation Application of US Patent Application 09/934,817
Filed March 15, 2004
Title Optical Arrangement and Projection Exposure System for
Microlithography with Passive Thermal Compensation
Applicant Wagner et. al.
Attorney Docket (Z) 98003PUS2

Mail Stop Patent Application
PO Box 1450
Commissioner for Patents
Alexandria, Va. 22313-1450

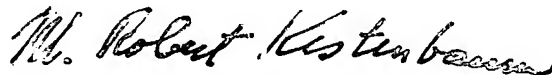
General Authorization to Charge Fees

Dear Sir or Madam:

In accordance with Rule 1.136 (a) (3), please charge additional required fees which come due with respect to this application, including extension fees, and credit any overpayments to Deposit Account 11-0665. A duplicate of this page is enclosed for this purpose.

Also, please provide extensions of time as required for timely receipt of concurrent or future correspondence and other documents submitted in this application and charge the appropriate extension fees to Deposit Account 11-0665.

Respectfully submitted,



M. Robert Kestenbaum
Reg. No. 20,430
11011 Bermuda Dunes NE
Albuquerque, New Mexico 87111
Phone (505) 323-0771
Fax (505) 323-0865

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Wagner et al.

Docket No.

(Z) 98003 PUS2

Serial No.
NEWFiling Date
April 15, 2004Examiner
NEWGroup Art Unit
NEW

Invention: Optical Arrangement and Projection Exposure System for Microlithography with Passive Thermal Compensation

I hereby certify that the following correspondence:

New Continuation Patent Application as per transmittal.

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 15, 2004

(Date)

M. Robert Kestenbaum

(Typed or Printed Name of Person Mailing Correspondence)

M. Robert Kestenbaum

(Signature of Person Mailing Correspondence)

ER 744773303 US

("Express Mail" Mailing Label Number)

ER744773303US

Note: Each paper must have its own certificate of mailing.